



**Service technique**

**TISSOT**

**no 31**

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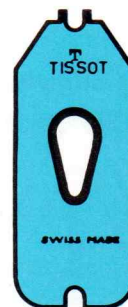
**New Waterproof Tissot  
Cases for  
Seastar Seven Watches**

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# I How to open a Seastar Seven Watch

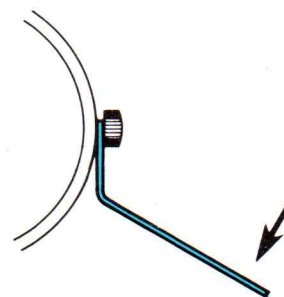
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## 1. Removing the Crown



By means of this lever - TISSOT No 71

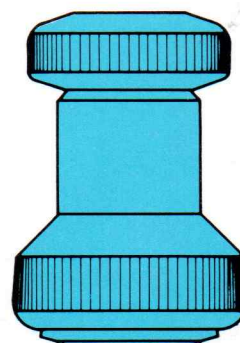
the crown and its stem are removed after the winding mechanism has been set to the hand-setting position.



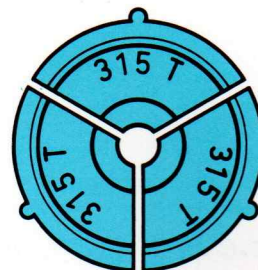
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## 2. Removing the Crystal

By means of this clamp - TISSOT No 72



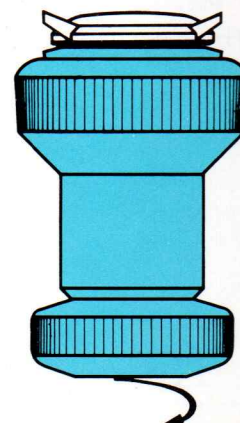
which is fitted with 3 claws No 73



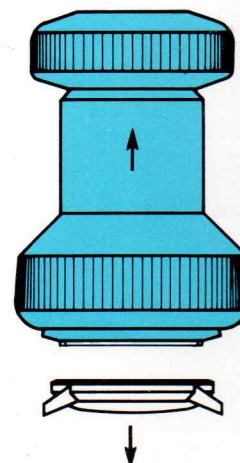
each of which carrying a number corresponding to the one engraved on the back of the case to be opened,



the crystal is tightened (not too much) between the claws by turning the knurled screw;



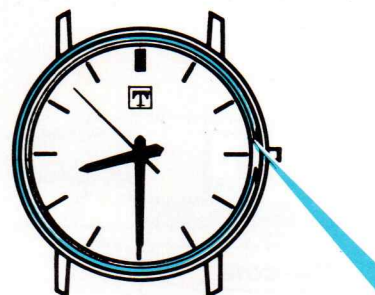
the crystal is then lifted by separating the case from the clamp.



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### 3. Removing the Bolt

The bolt is removed by lifting one of its ends with a pin.



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### 4. Extracting the Movement

The case is turned. Attention!!  
The movement falls out immediately!



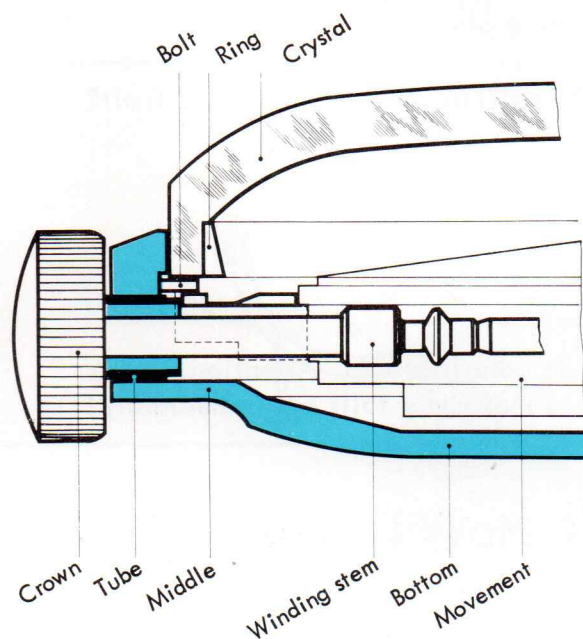
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## II How to close a Seastar Seven Watch

1. Insert the movement into the case  
in such a way that the winding stem faces the tube entry.
  2. Insert the winding stem  
right inside while simultaneously imparting it a slight rotation.
  3. Replace the bolt  
positioning its ends on both sides of the tube and then pressing on the whole of its surface with a pin.
  4. Fit the crystal  
by first tightening it, not excessively, between the corresponding claws of the clamp, and releasing it after having placed it flatly on the seating in the ring.
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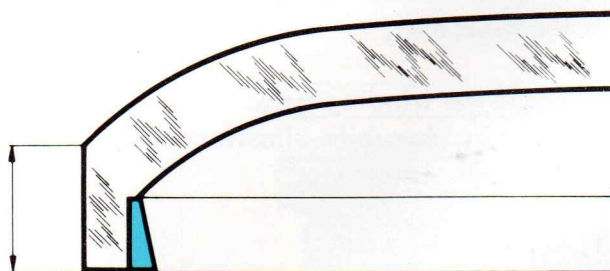
### III How the Seastar Seven Watch is designed

#### 1. The case



is of one piece. It comprises a shoulder forming one unit with the bottom, the crystal seating ring and the tube.

#### 2. The crystal

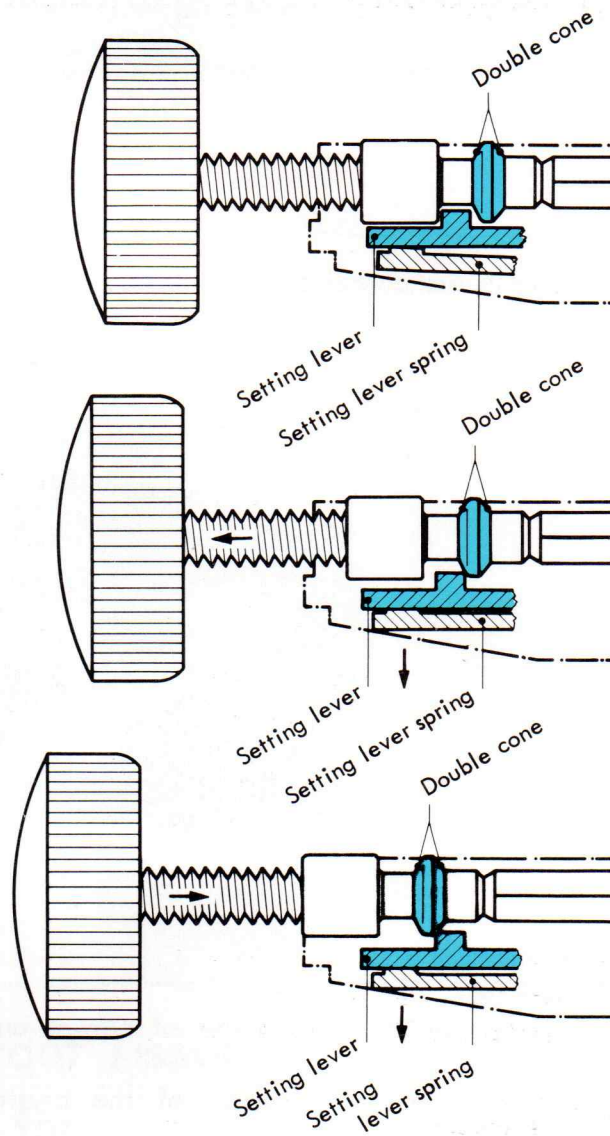


is ring-shaped and profiled to offer a proper gripping surface to the clamp.

#### 3. The crown is watertight.

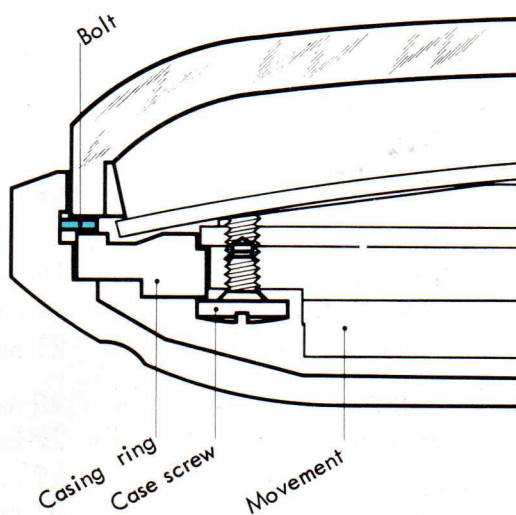
#### 4. The winding stem

comprises a double cone interlocking system.



#### 5. The bolt

holds the movement in place, when positioned in its seating in a groove of the shoulder.



## IV Tools for opening and closing the Seastar Seven Watch

These tools are contained in a TISSOT box



They comprise -  
The box (ref. 70)  
The lever for the extraction of crowns and  
winding stems (ref. 71)  
The clamp for manipulation of the crystal  
(ref. 72)  
7 sets of claws for the clamp (ref. 73)

These tools can be used in all the following  
cases:

| Sizes        | crystal ring<br>opening | groove diameter | claw No |
|--------------|-------------------------|-----------------|---------|
| 709          | 15 mm                   | 17 mm           | 170 T   |
| 709 - 715/18 | 18 mm                   | 20 mm           | 200 T   |
| 709 - 715/18 | 21 mm                   | 23 mm           | 230 T   |
| 781/84       | 25 mm                   | 27.5 mm         | 275 T   |
| 781/84       | 27 mm                   | 29.5 mm         | 295 T   |
| 781/84       | 29 mm                   | 31.5 mm         | 315 T   |
| 781/84       | 31 mm                   | 33.5 mm         | 335 T   |